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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/743,582 | |
| | Filing Date | December 22, 2003 | |
| | First Named Inventor | Merkle | |
| | Art Unit | 2121 | |
| | Examiner Name | Nathan H. Brown, Jr. | |
| Total Number of Pages in This Submission | 9 | Attorney Docket Number | 534422-002 |

| ENCLOSURES (Check all that apply) | | |
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| Firm Name | Thompson Hine LLP 2000 Courthouse Plaza NE, 10 West Second Street, Dayton, OH 45402 | | |
| Signature | | | |
| Printed name | Victor J. Wasylyna | | |
| Date | 9/6/06 | Reg. No. | 52,345 |

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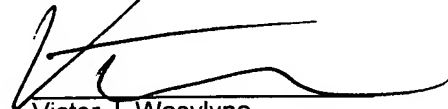
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Victor J. Wasylina
Reg. No. 52,345

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Applicant : Merkle
Serial No. : 10/743,582
Filed : December 22, 2003
Title : SYSTEM AND METHOD FOR MEDICAL DIAGNOSIS
Docket : 534422-00002
Examiner : Nathan H. Brown, Jr.
Art Unit : 2121

Mail Stop Amendment
Commissioner for Patents
Post Office Box 1450
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AMENDMENT

This paper is filed in response to the non-final Office action mailed on June 7, 2006.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 8 of this paper.